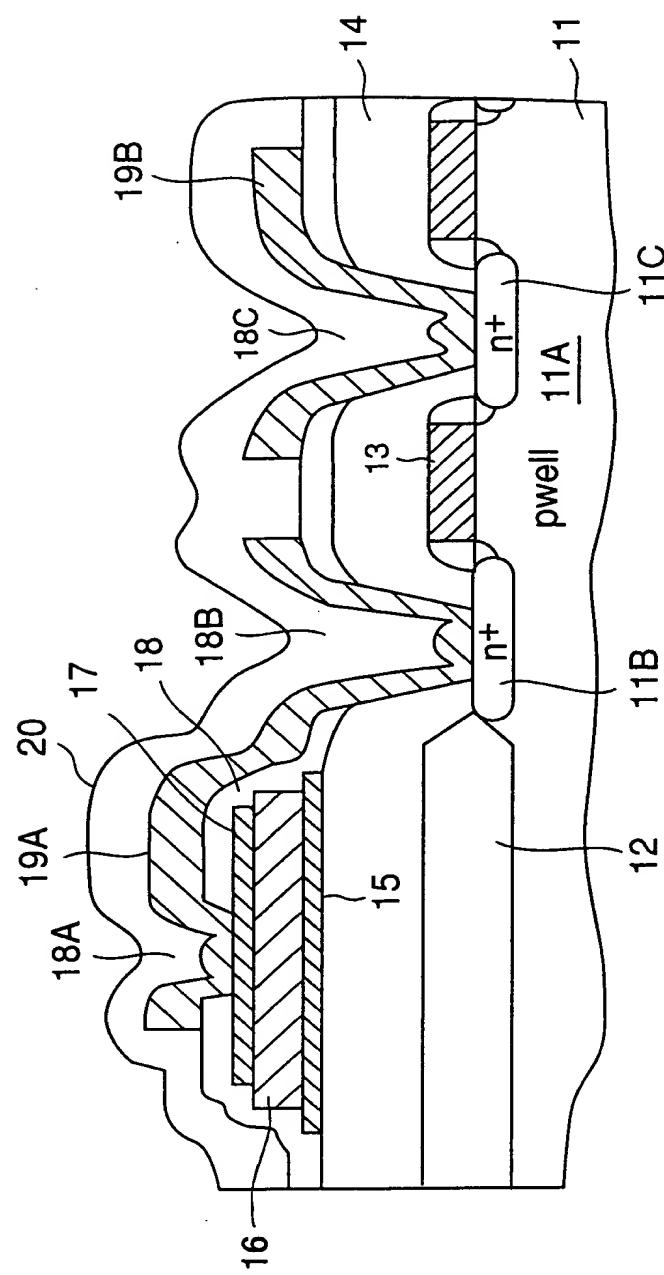




FIG.1 PRIOR ART

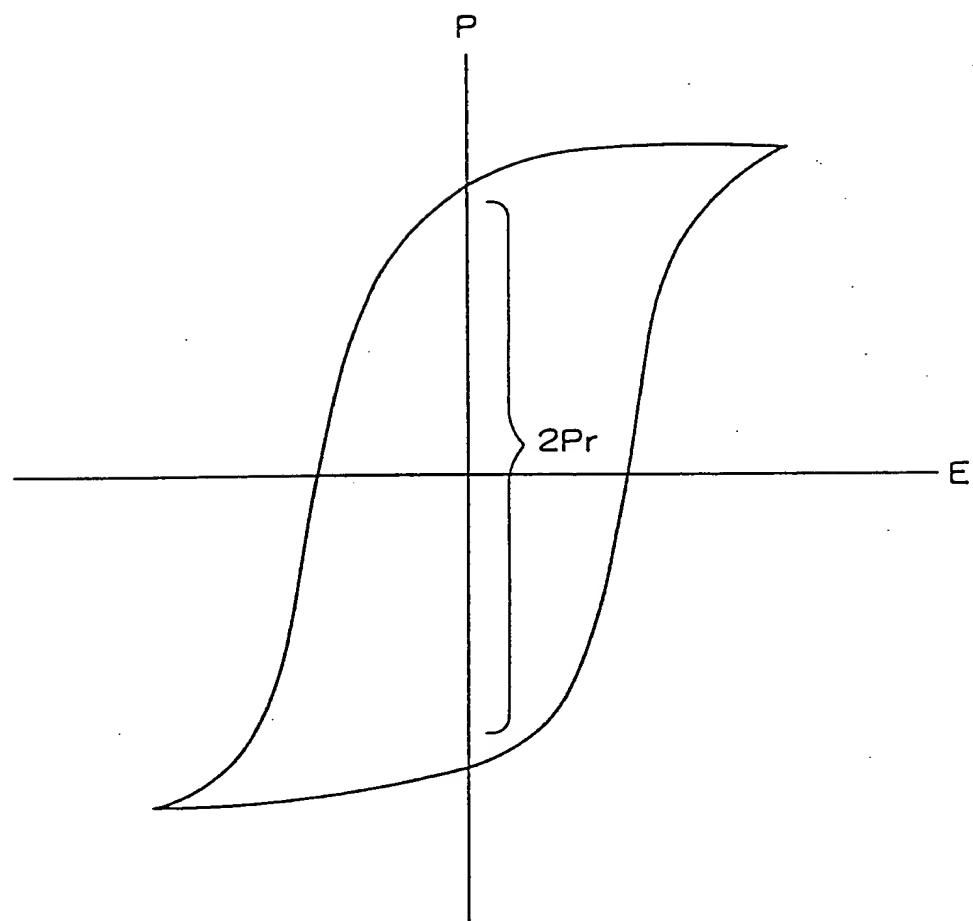
10



BEST AVAILABLE COPY



FIG.2 PRIOR ART





30

FIG.3A

Ti 33A

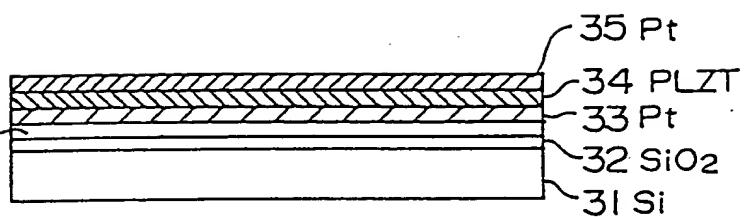


FIG.3B

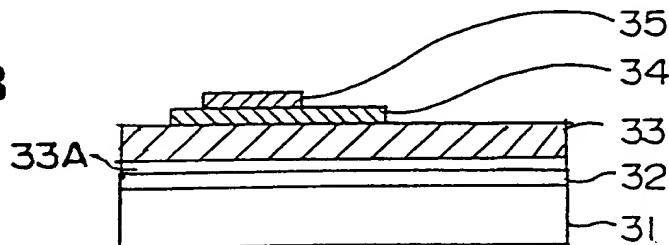




FIG. 4A

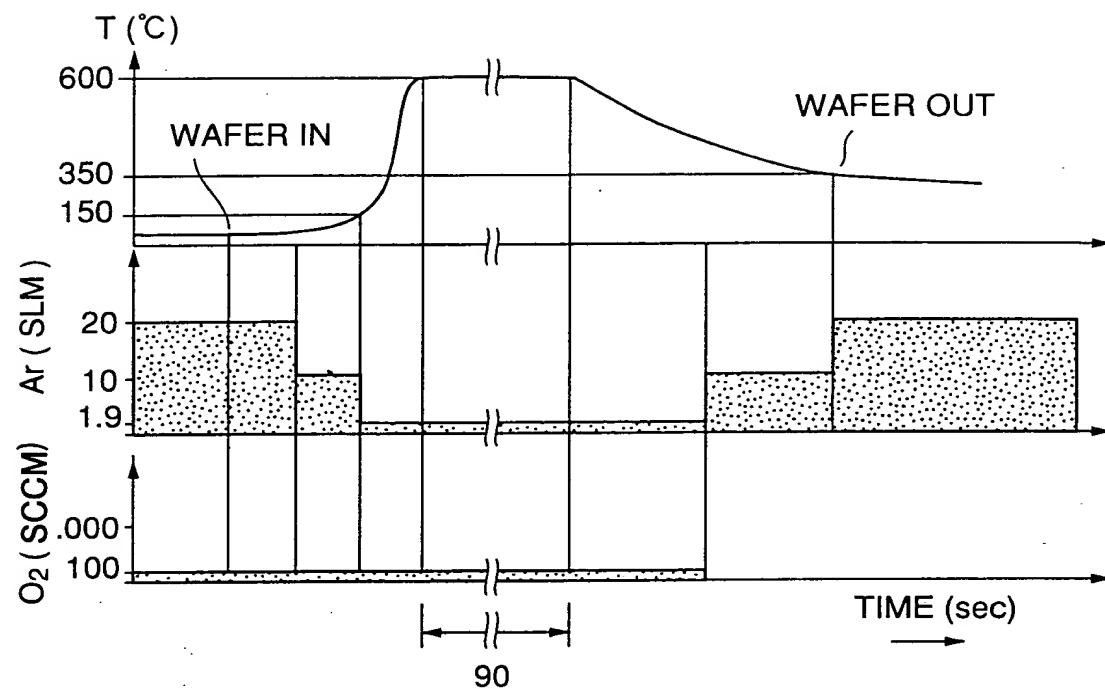


FIG. 4B

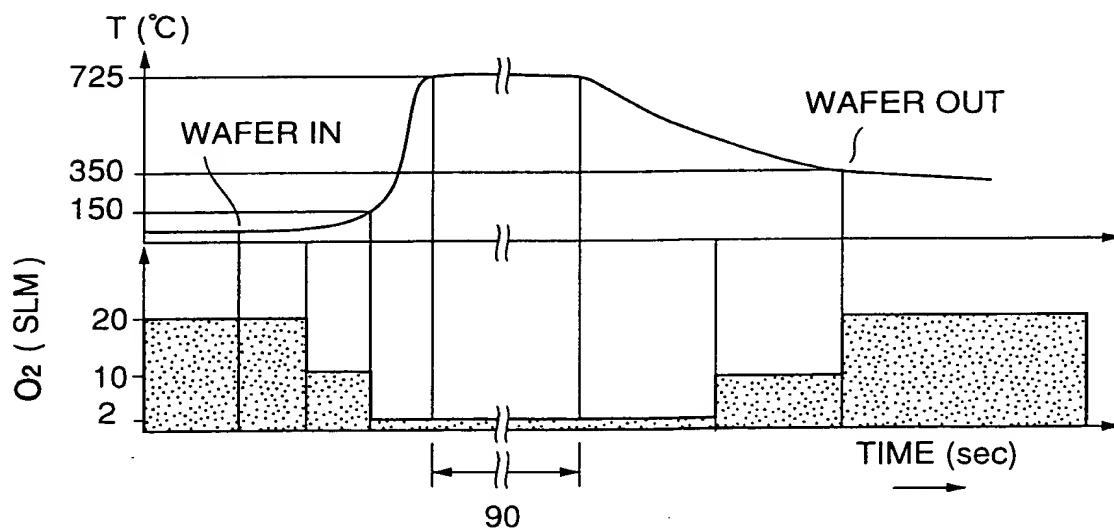




FIG.5A

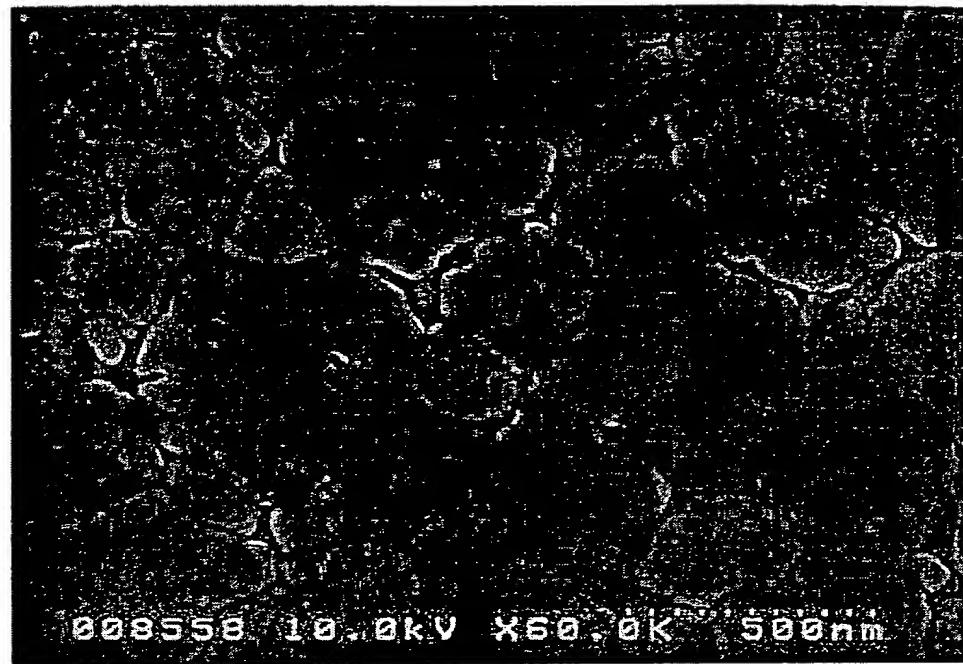


FIG.5B

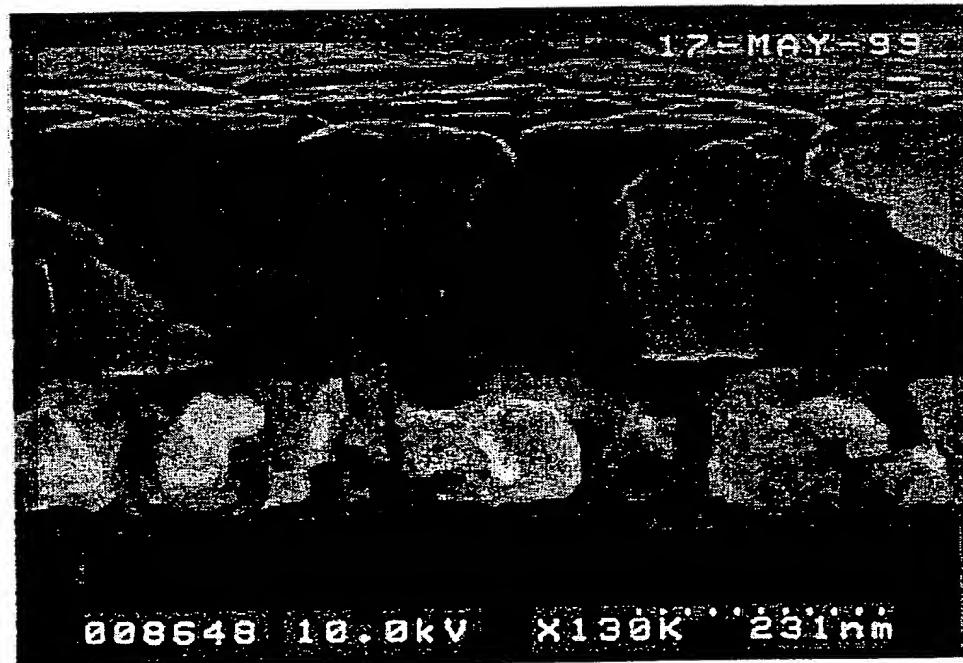




FIG.6A

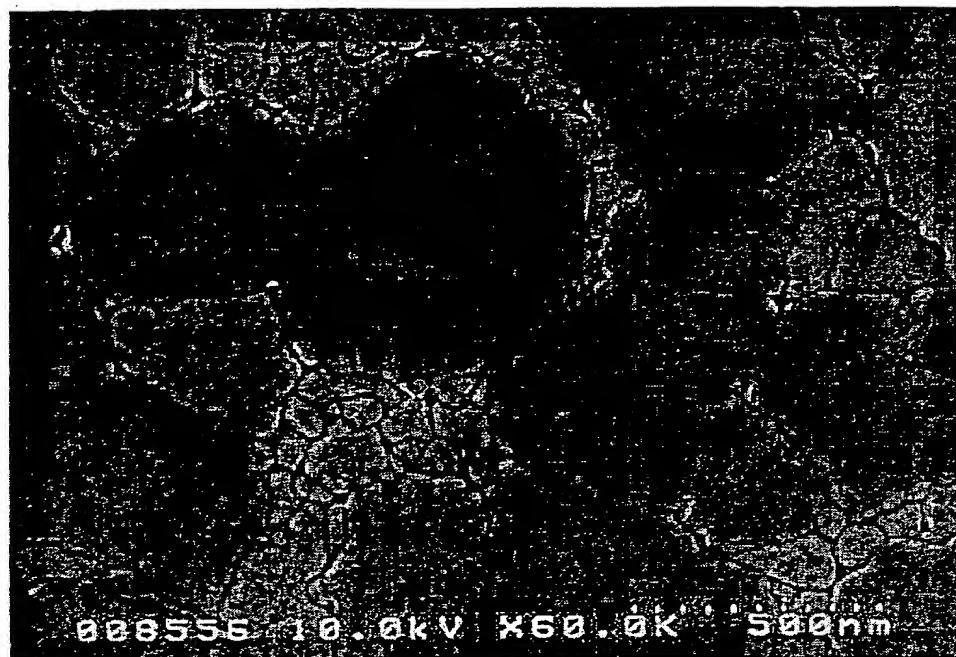


FIG.6B

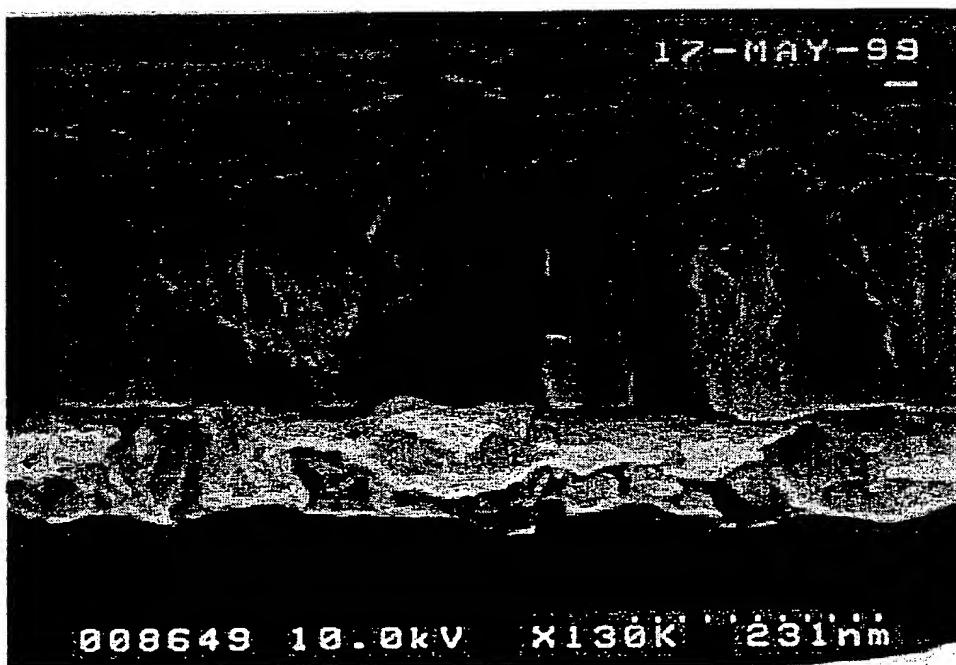




FIG.7A

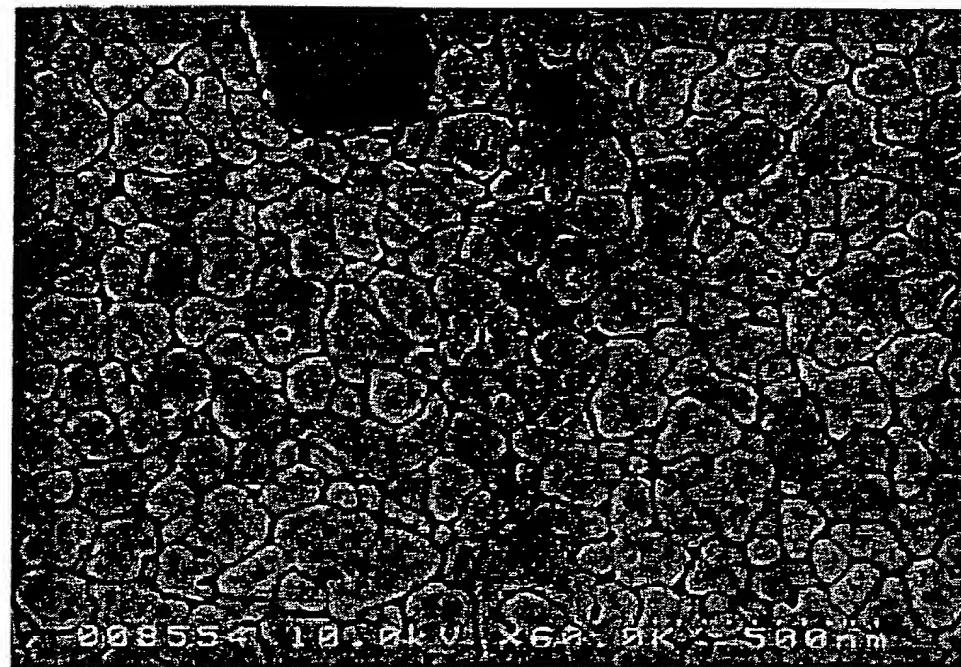


FIG.7B

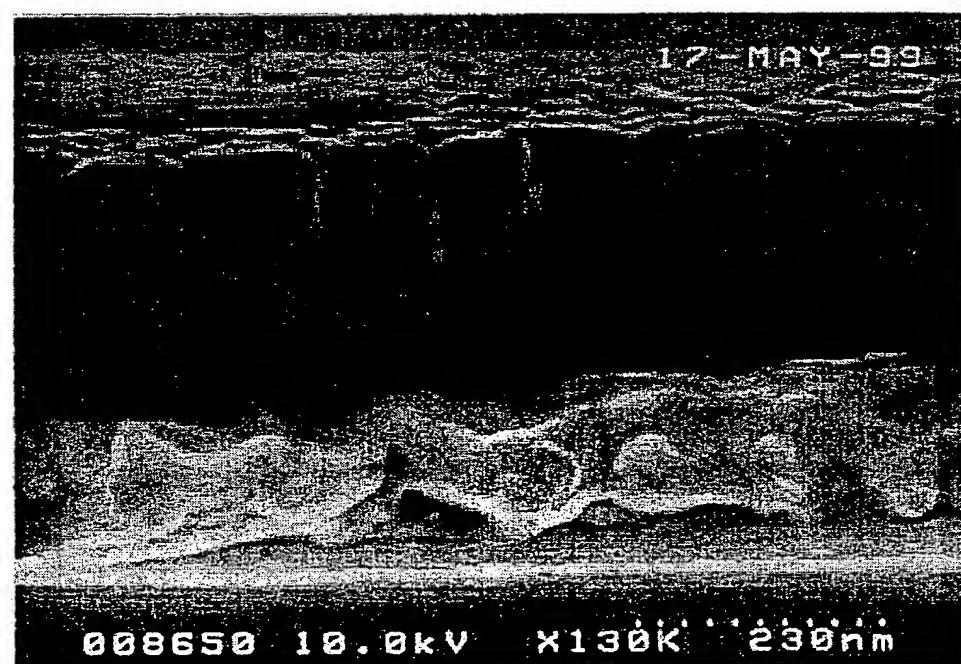




FIG.8A

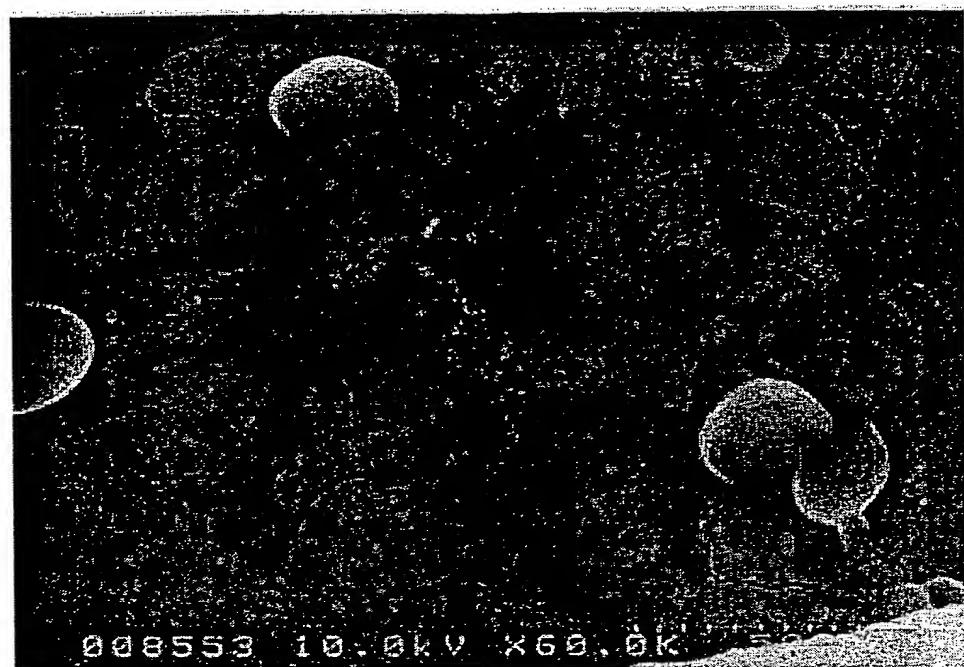


FIG.8B

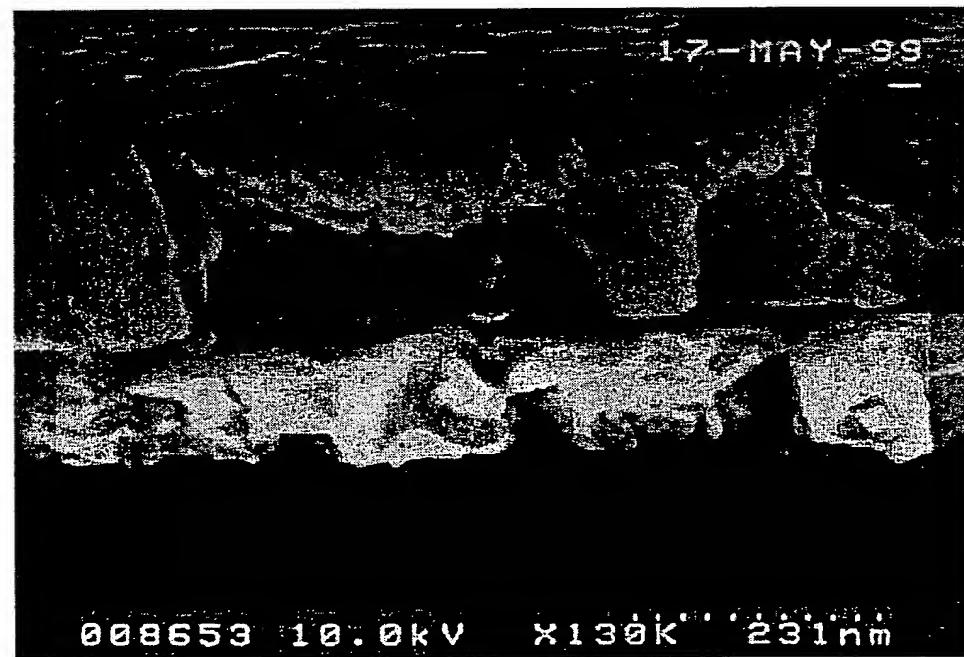




FIG.9A



FIG.9B

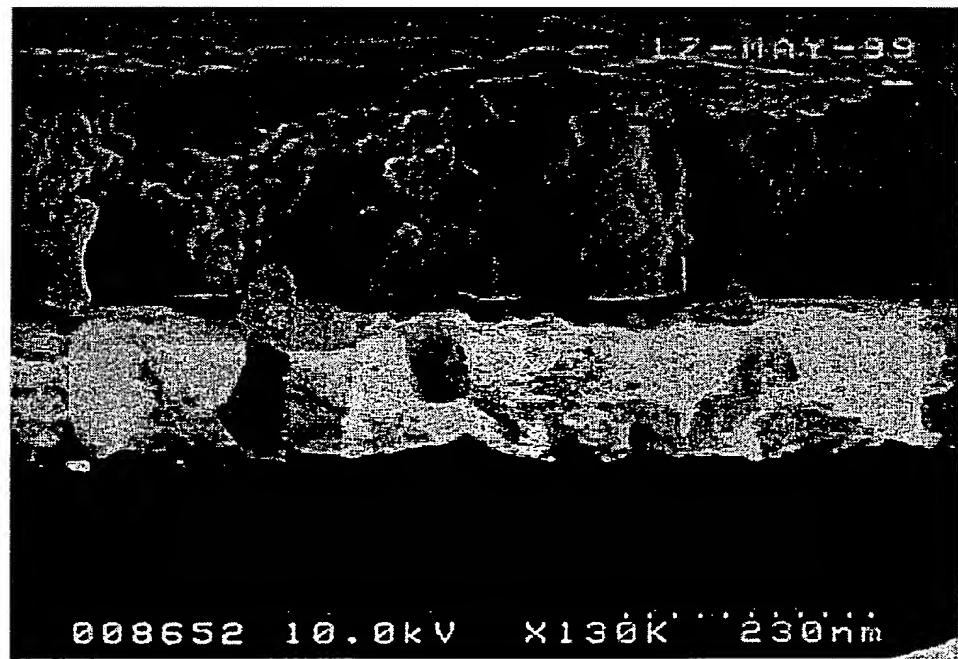
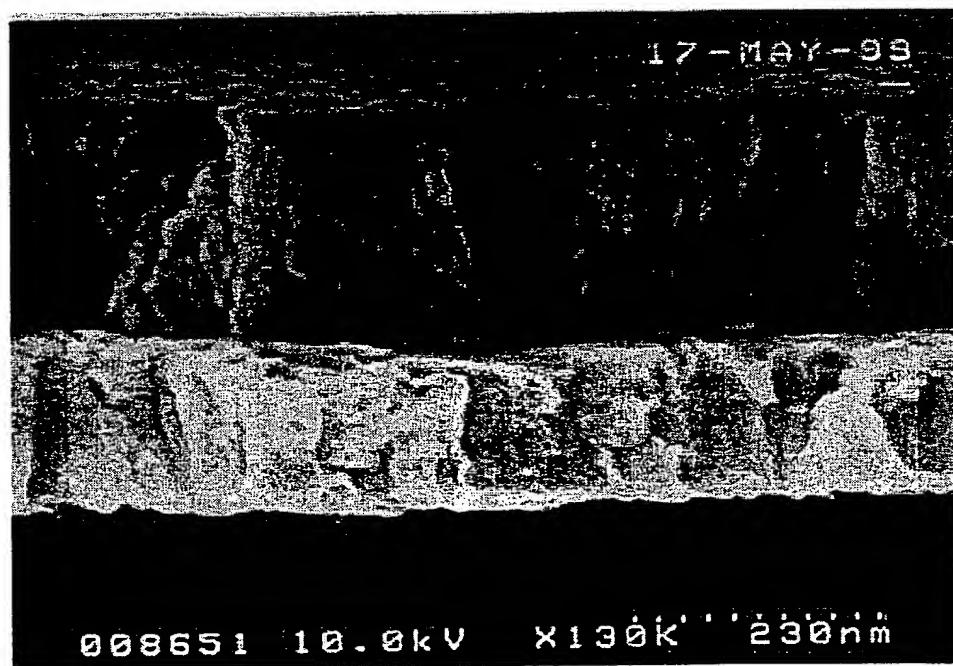




FIG.10A



FIG.10B



O 1 3 E
JUL 01 2005
JC24
PATENT & TRADEMARK OFFICE

SINGLE STEP
Ar 100%

FIG.11A

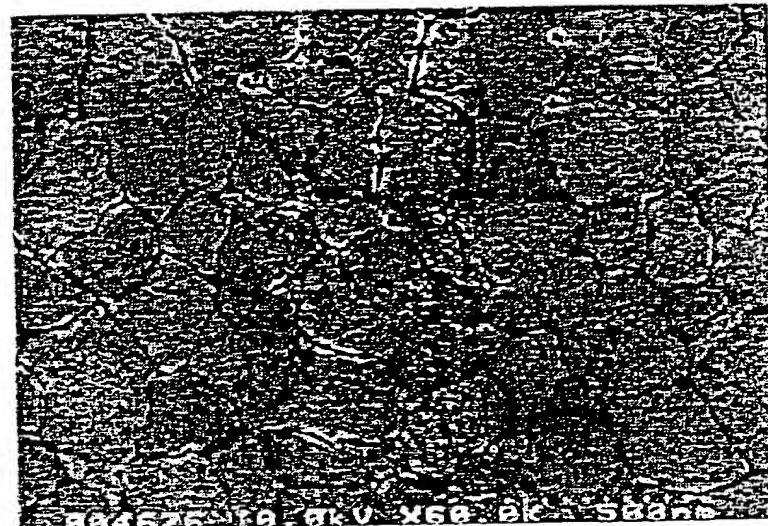
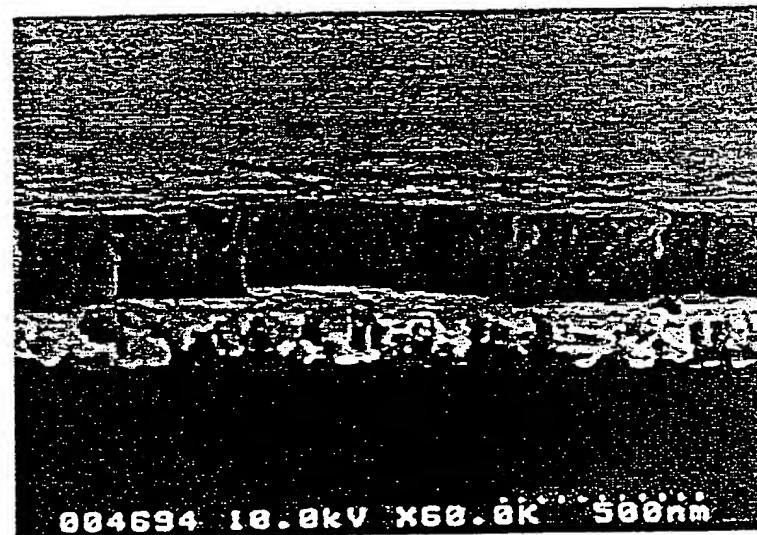


FIG.11B





TWO STEP
1st Ar 100%

FIG.12

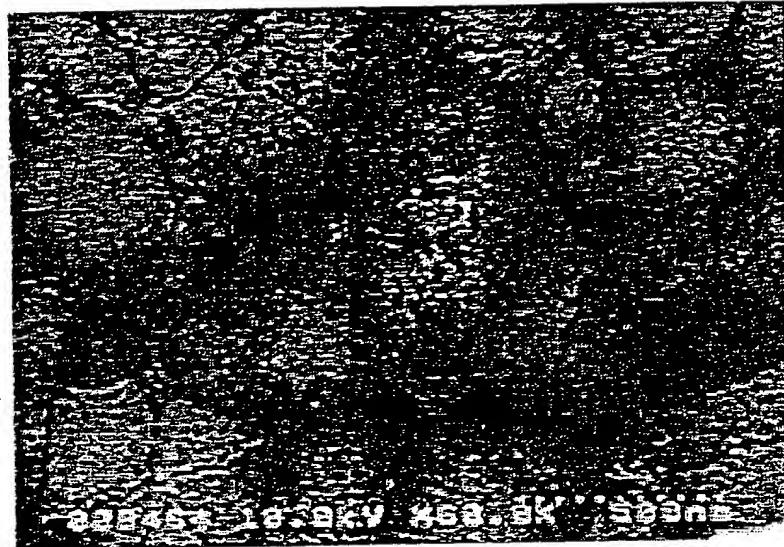




FIG. 13

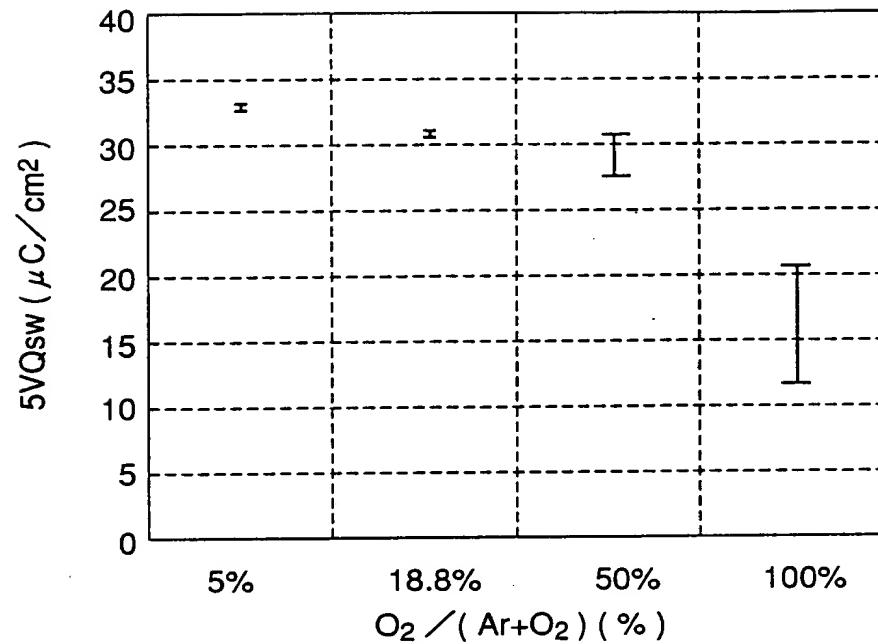


FIG. 14

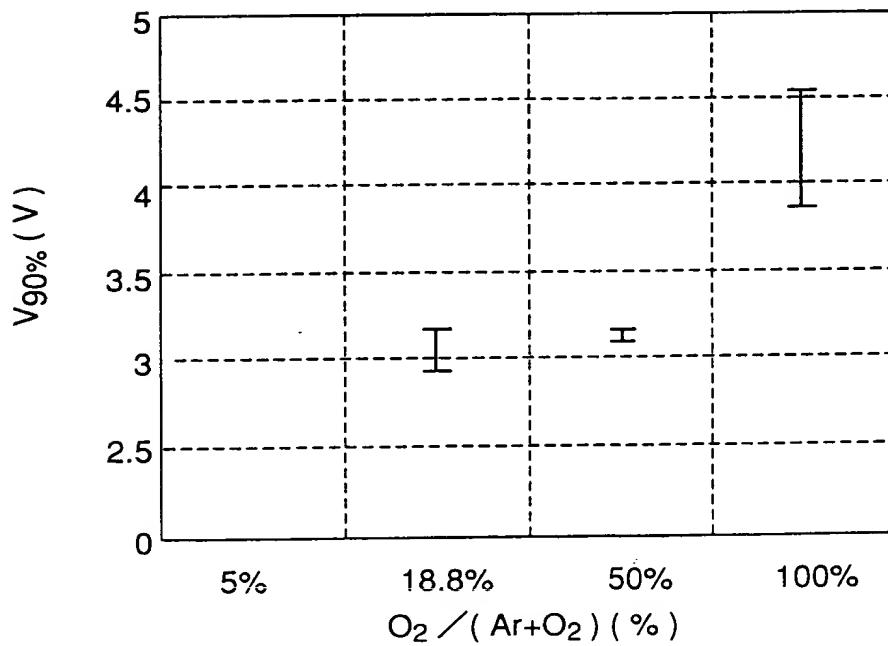




FIG.15

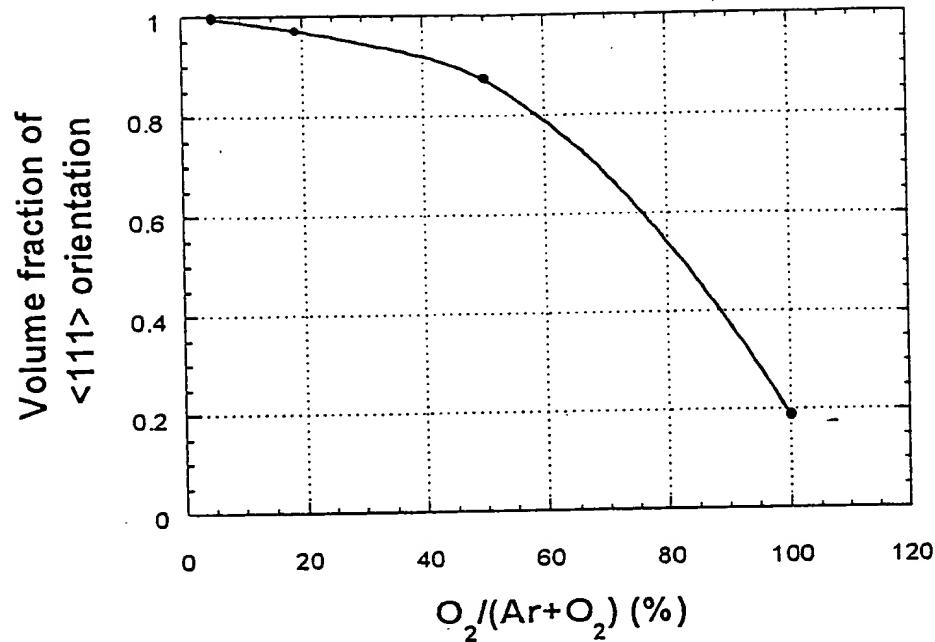


FIG.16

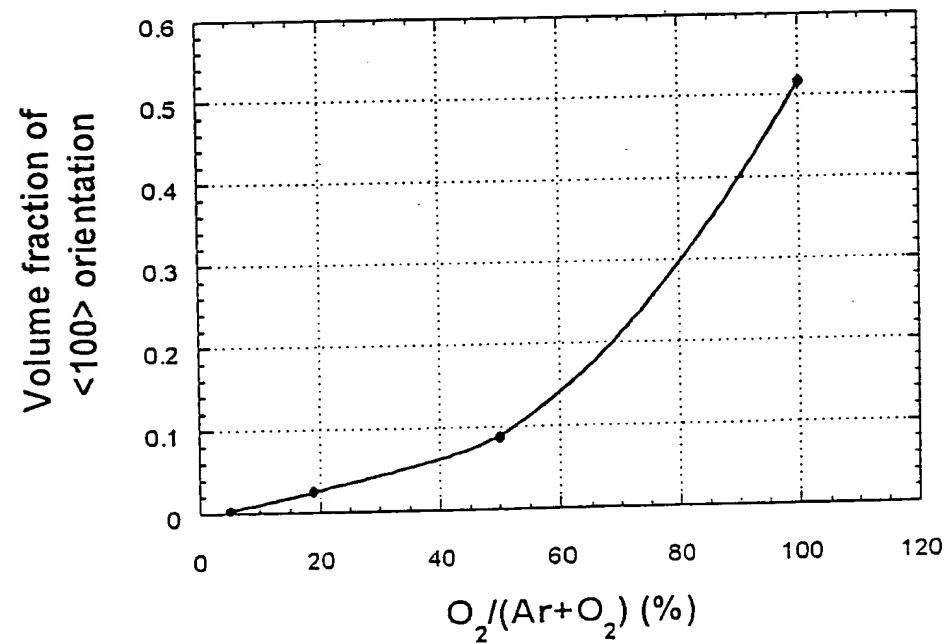




FIG. 17

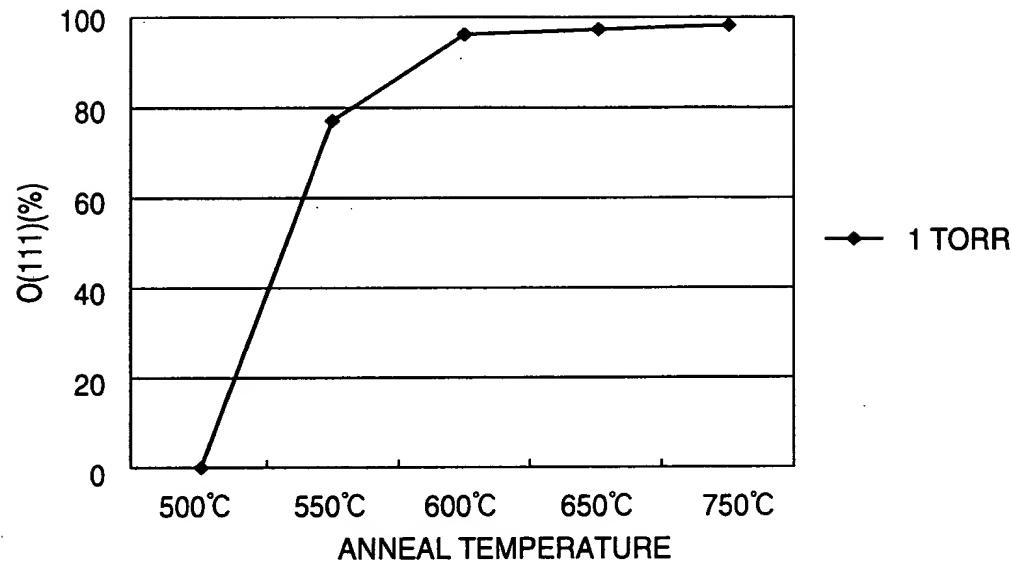


FIG. 18

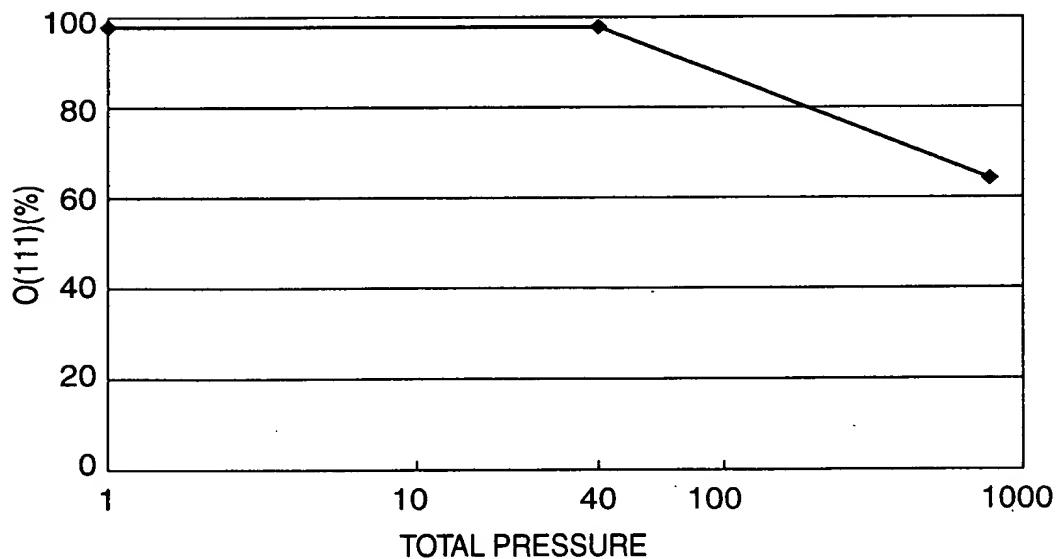




FIG. 19

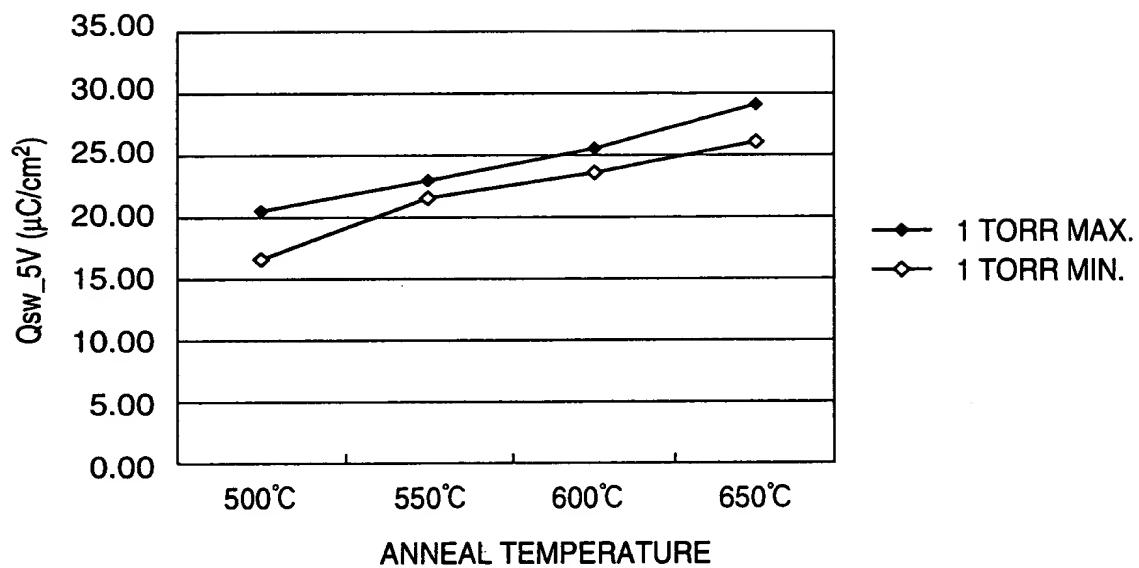


FIG. 20

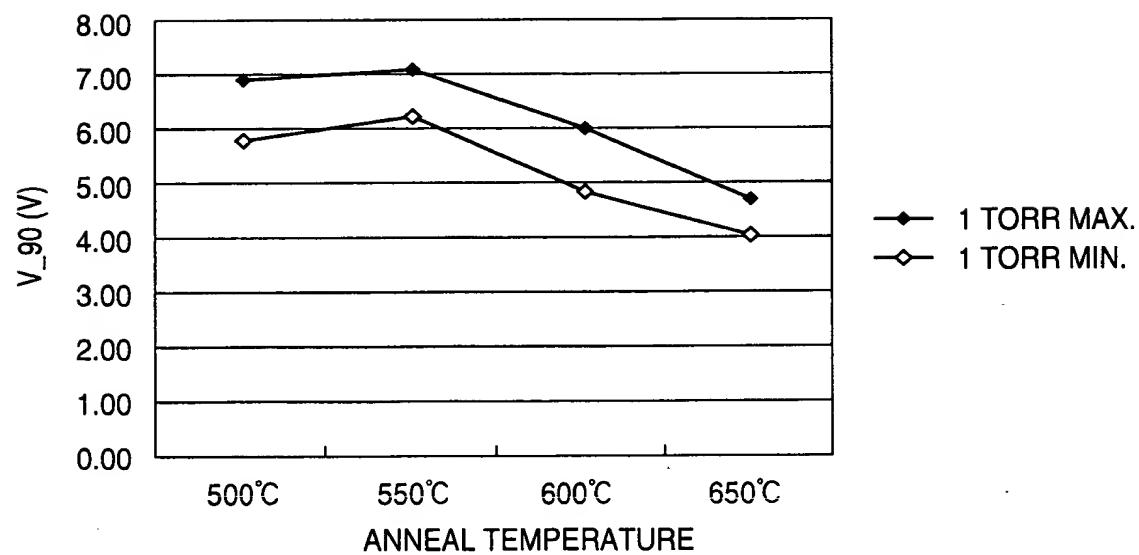




FIG. 21A

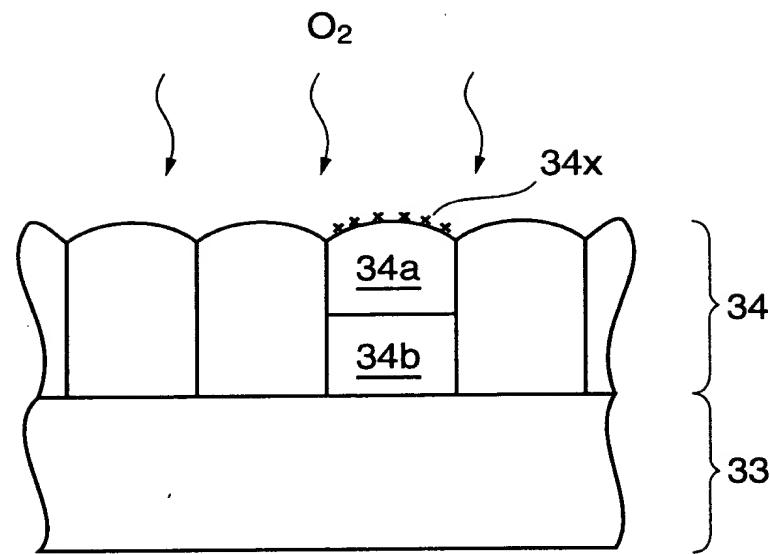


FIG. 21B

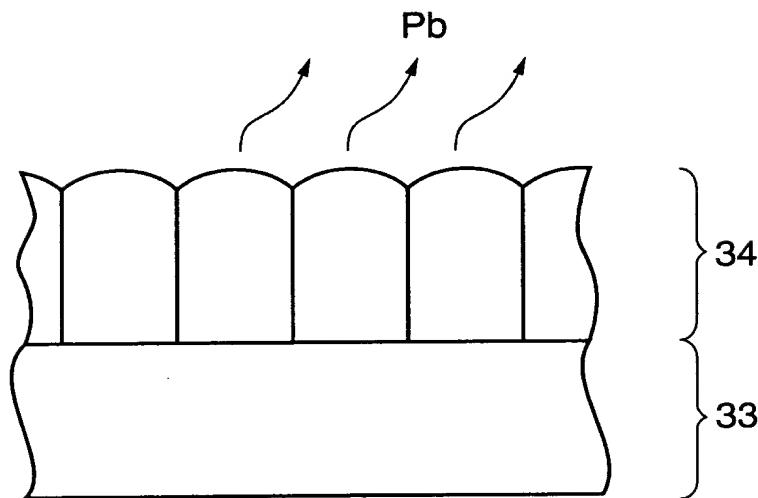




FIG.22A

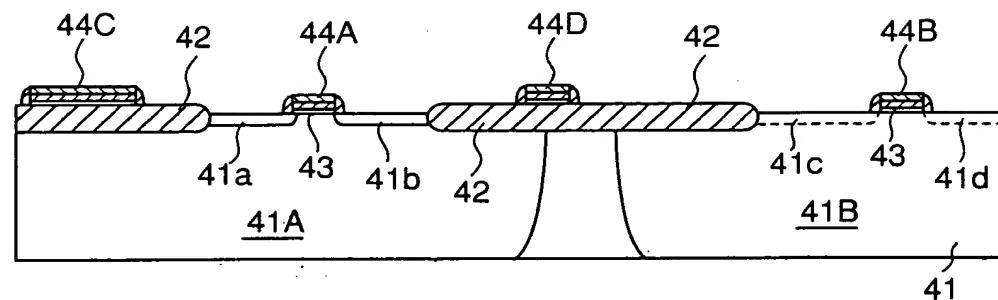


FIG.22B

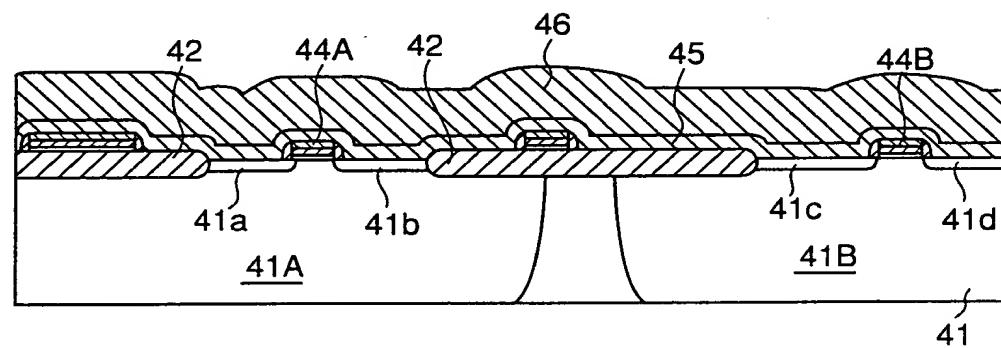


FIG.22C

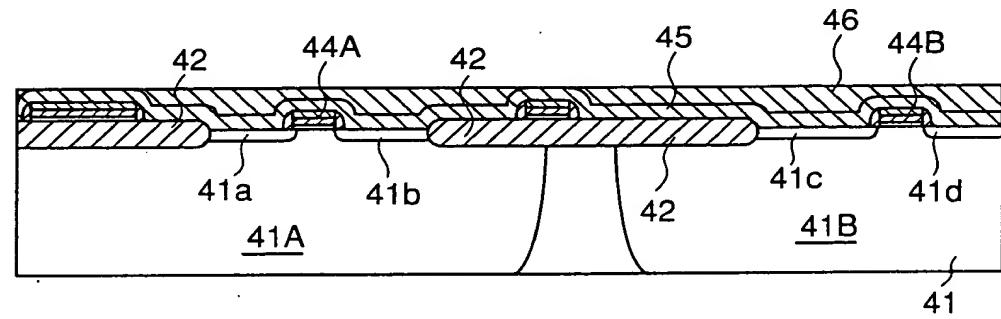




FIG.22D

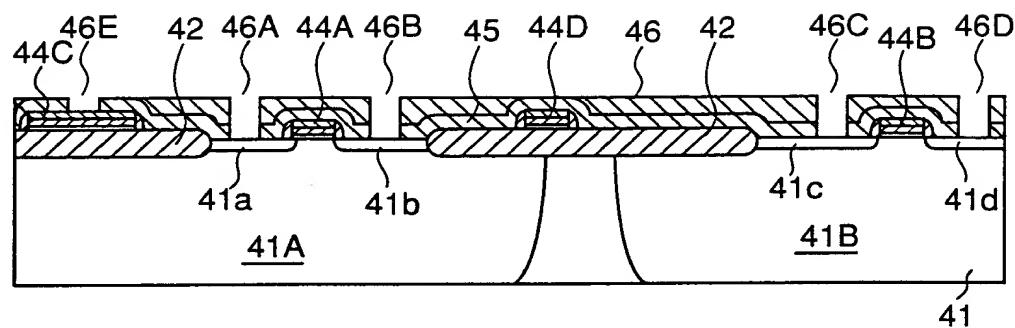


FIG.22E

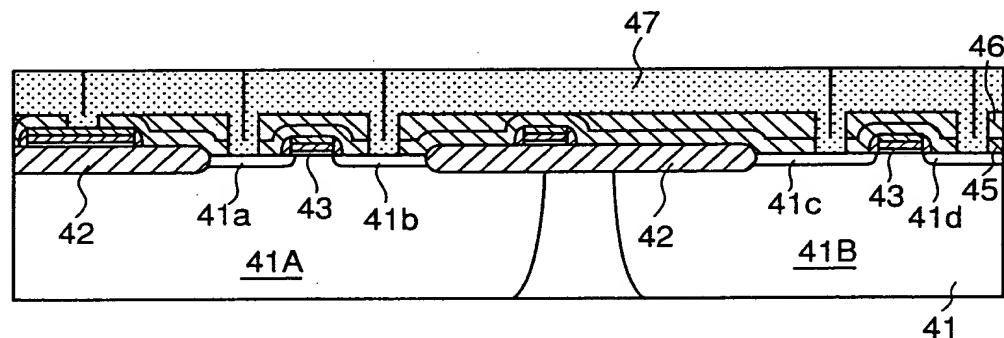


FIG.22F

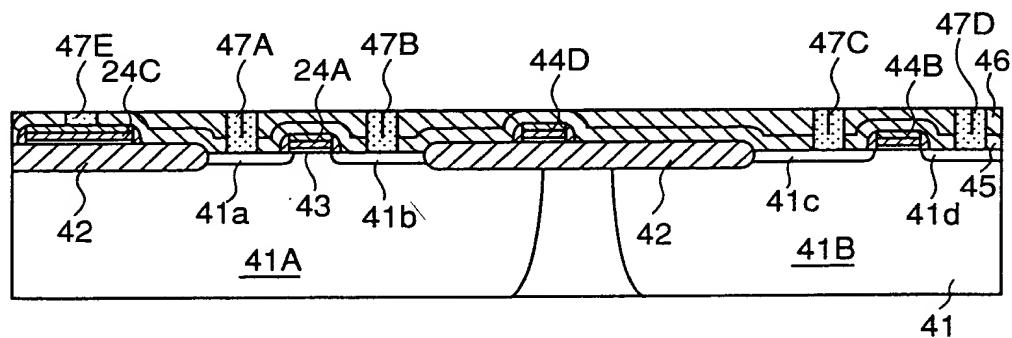




FIG.22G

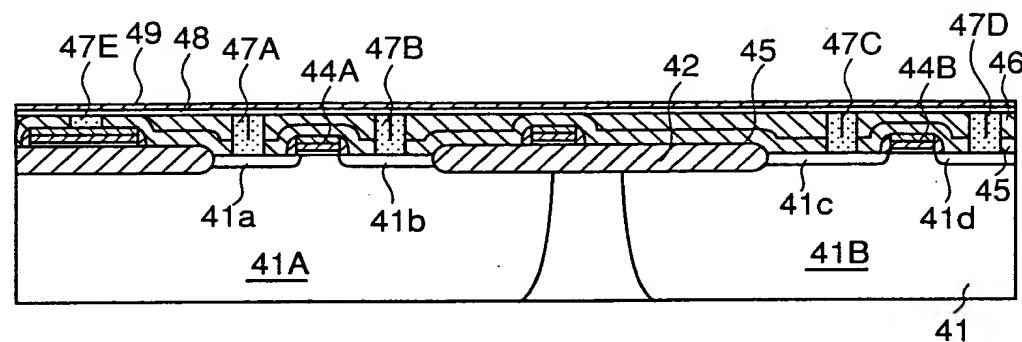


FIG.22H

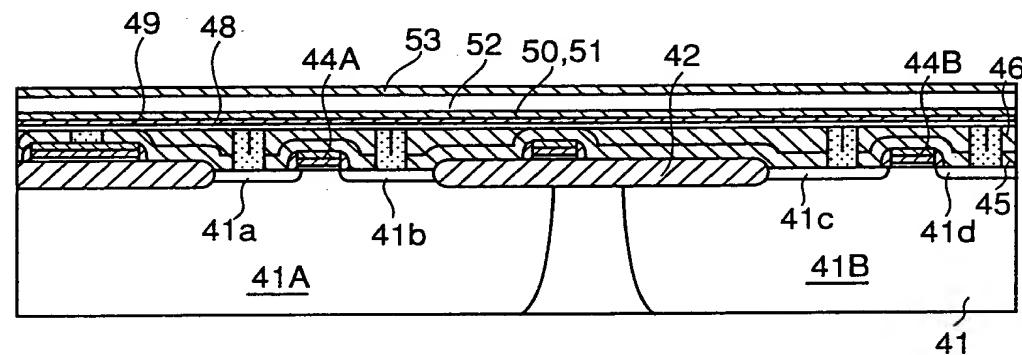


FIG.22 I

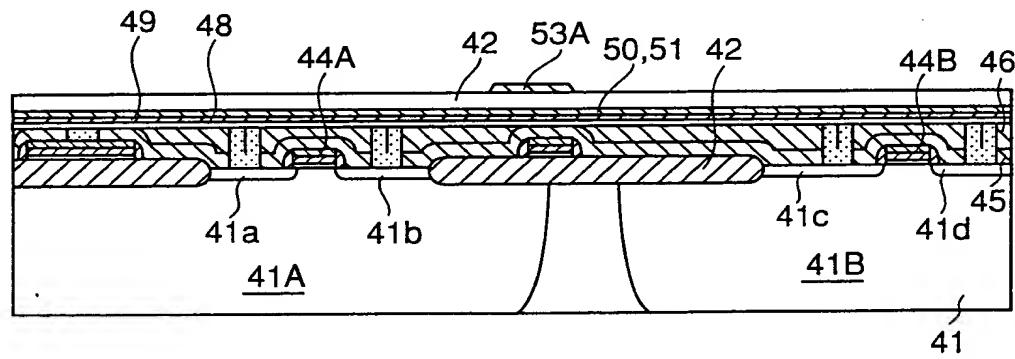




FIG.22J

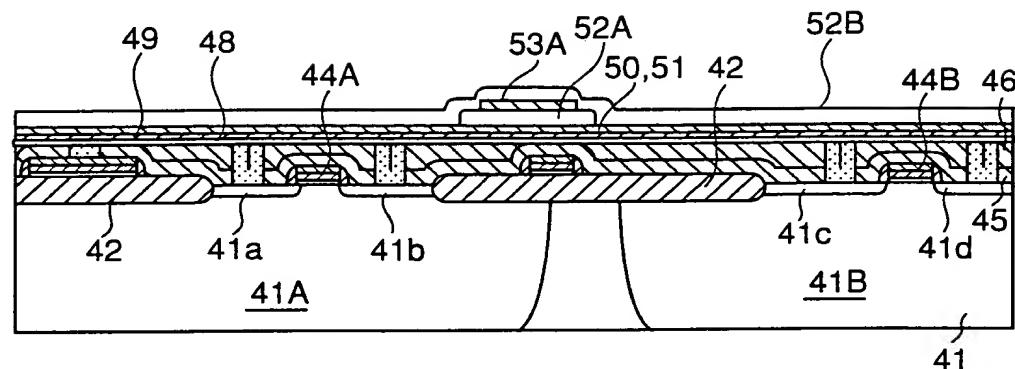


FIG.22K

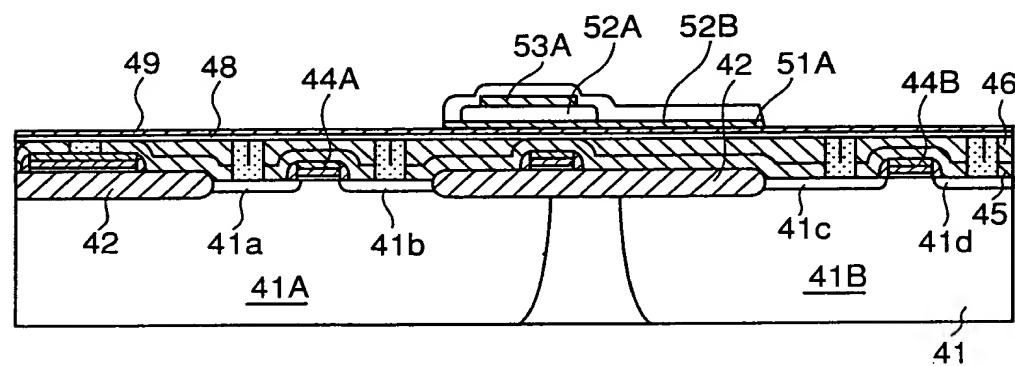


FIG.22L

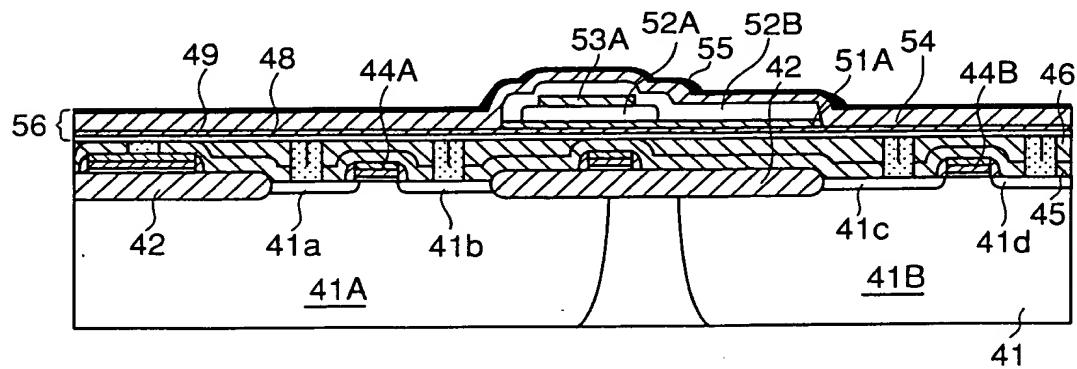




FIG.22M

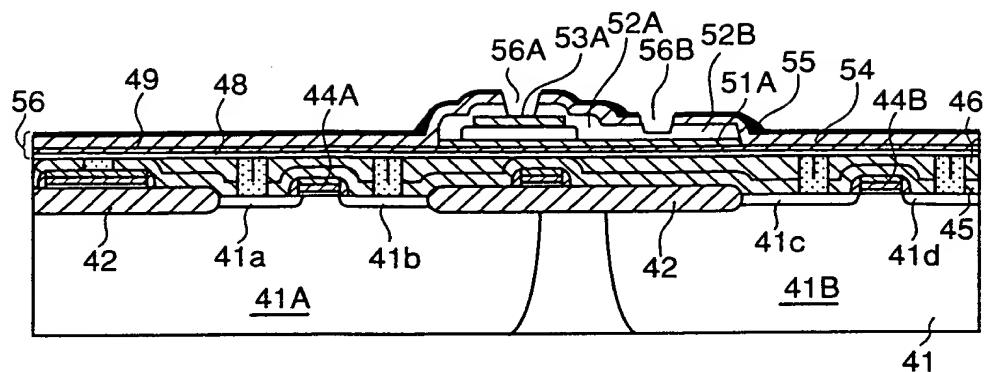


FIG.22N

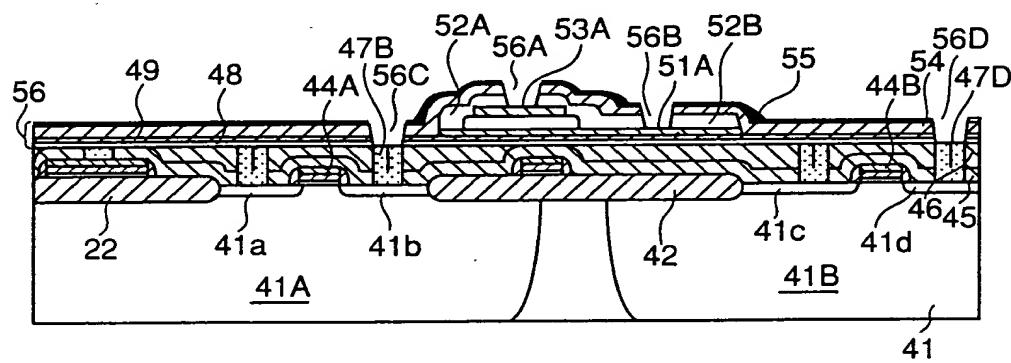


FIG.22O

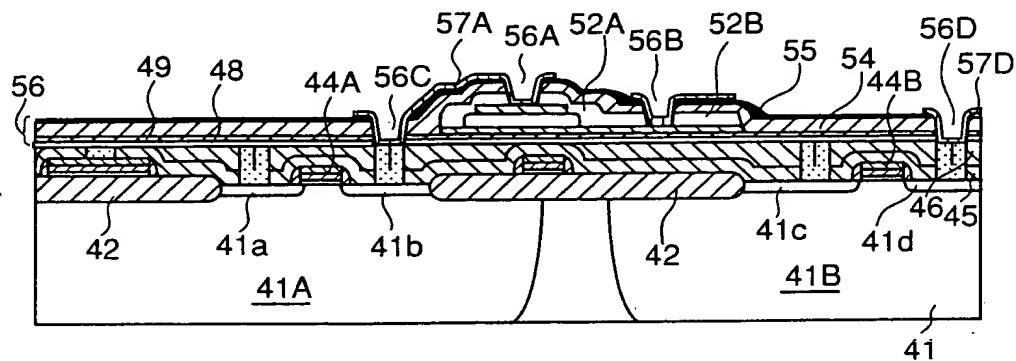




FIG.22P

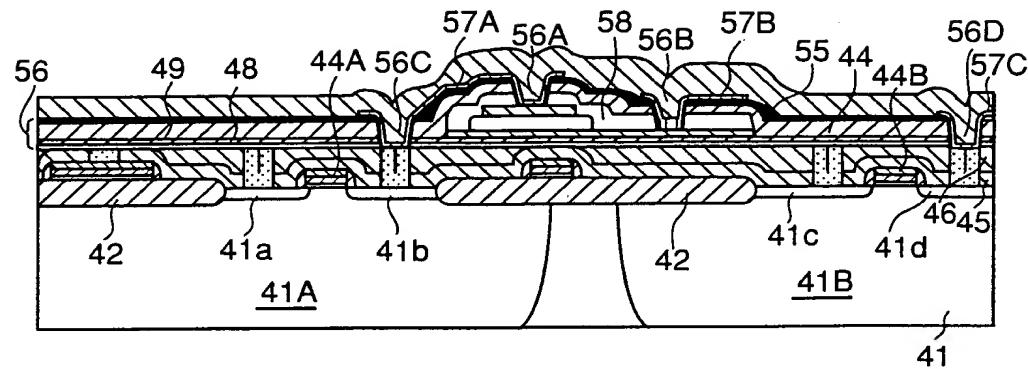


FIG.22Q

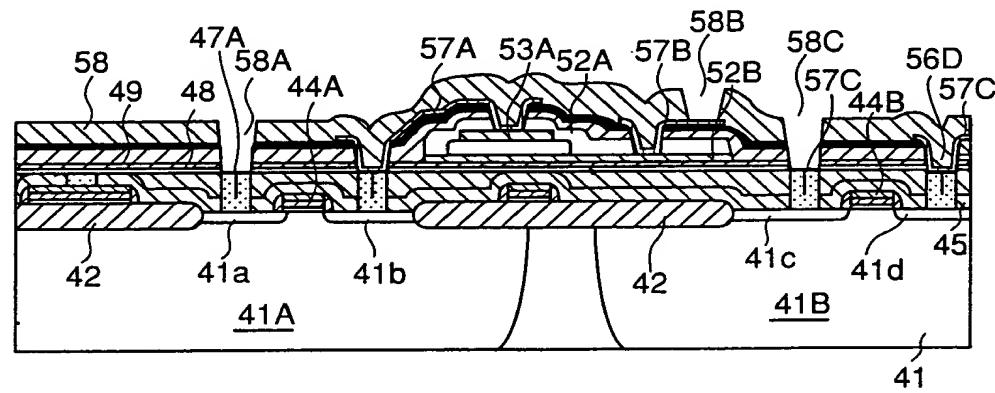
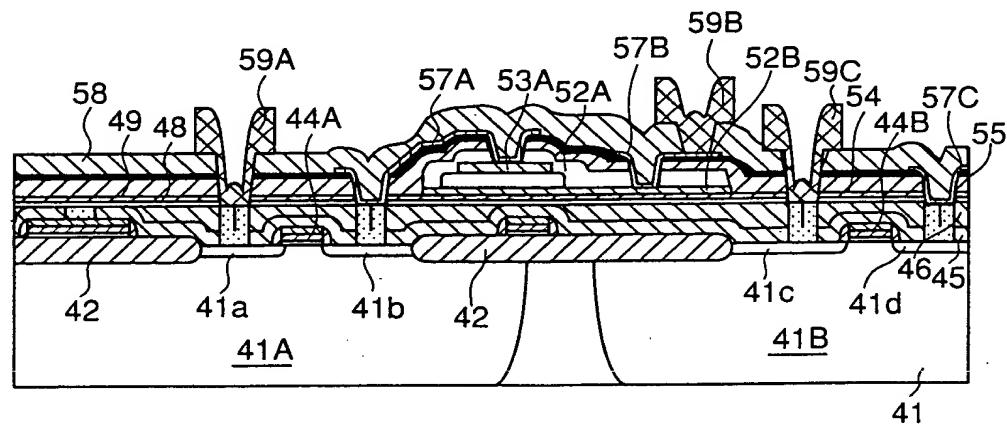


FIG.22R



**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- BLACK BORDERS**
- IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- FADED TEXT OR DRAWING**
- BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- SKEWED/SLANTED IMAGES**
- COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- GRAY SCALE DOCUMENTS**
- LINES OR MARKS ON ORIGINAL DOCUMENT**
- REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.